

A

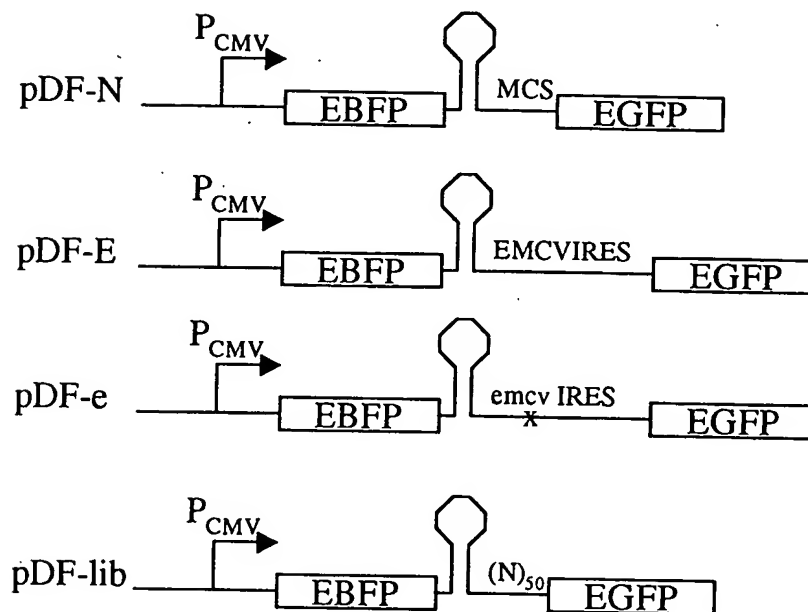
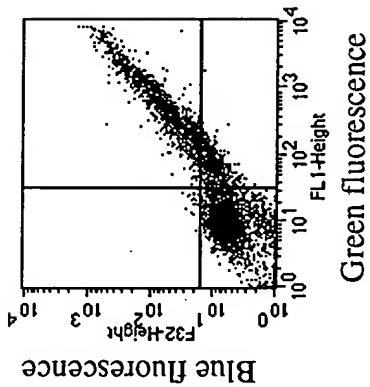


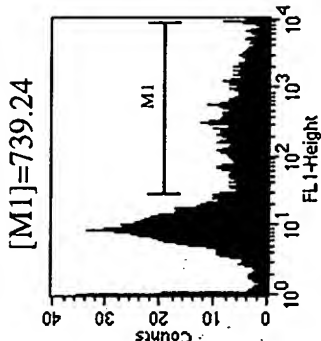
FIGURE 1a

B

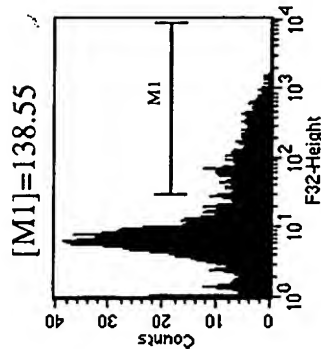
pDF-E



Green fluorescence



Blue fluorescence



pDF-e

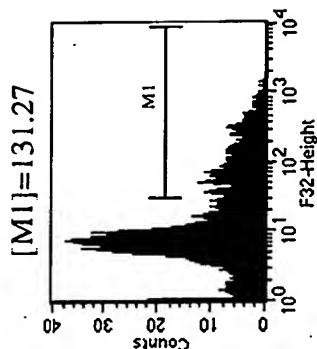
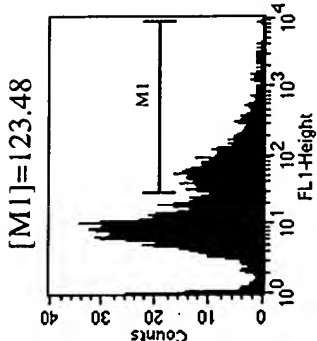
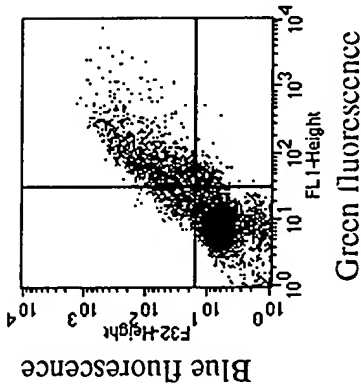
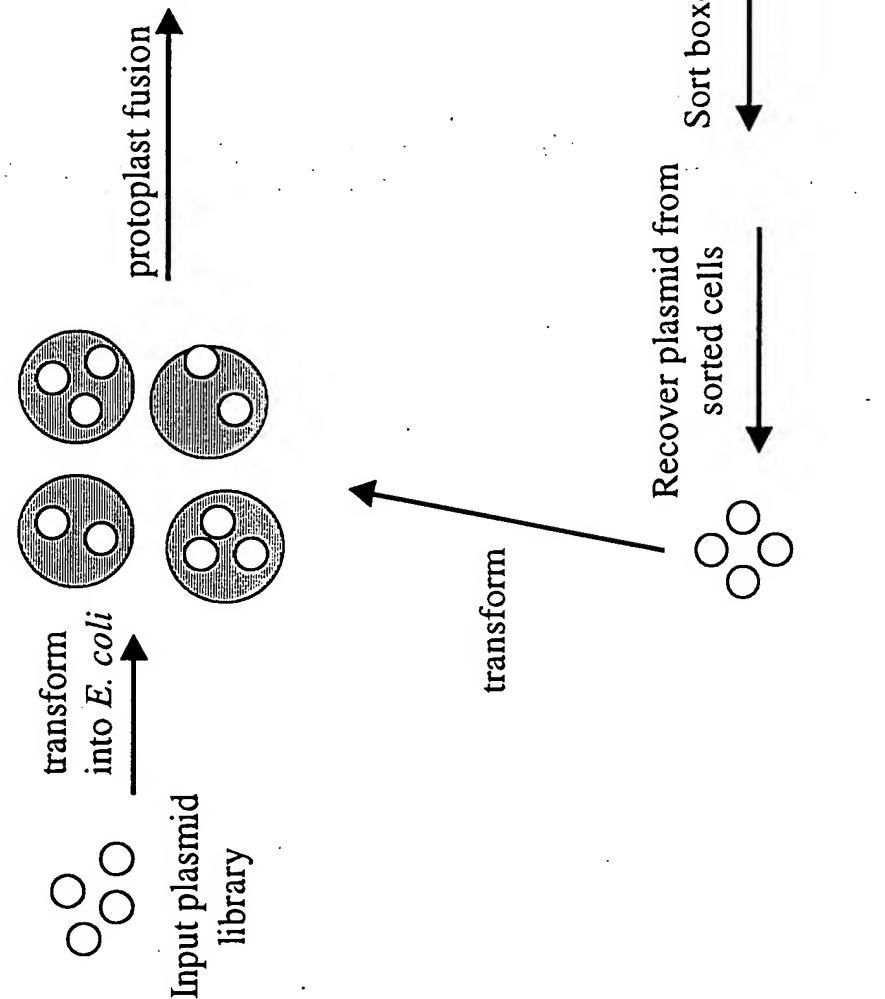


FIGURE 1b

old

A



old

FIGURE 2a

Docket No.: 220002063600

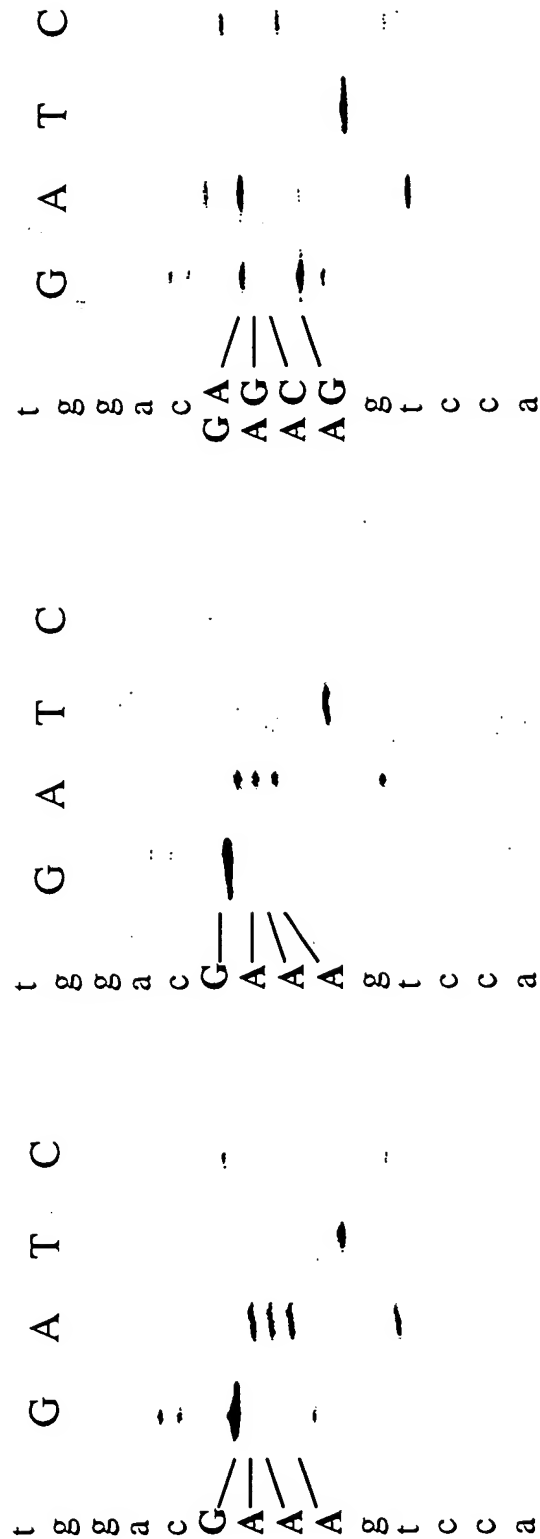
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B

Input Pool  
pDF-e:pDF-E  
AAAG:GCGA  
10000:1

**Negative Selection  
(for pDF-e)  
after 3 rounds**

**Positive Selection**  
(for pDF-E)  
after 3 rounds



old

FIGURE 2b

SEQUENCE FOOT

Name	Sequence
PS1	5' CACAGTACGTAAgCTTAAGCTAAGCGTAGATAAaggTATATTTTgCg 3'
PS2	5' gAAATAGCTATCCTCCATCAGTgCACCgAgACTACgTgCgTgTCgT 3'
PS3	5' TgACAAACTgTACATgCCgTTAACTgTAATTTTgCgTgATTTTgTAG 3'
PS4	5' AggTggTAGCCgCAAACATAgTTCAATACAAACTgCTgTCTCggCgg 3'
PS5	5' AggCAGTATAATCAgTTCCACATAgAAAACCAggACTgTATCAAAgTgT 3'

FIGURE 2C

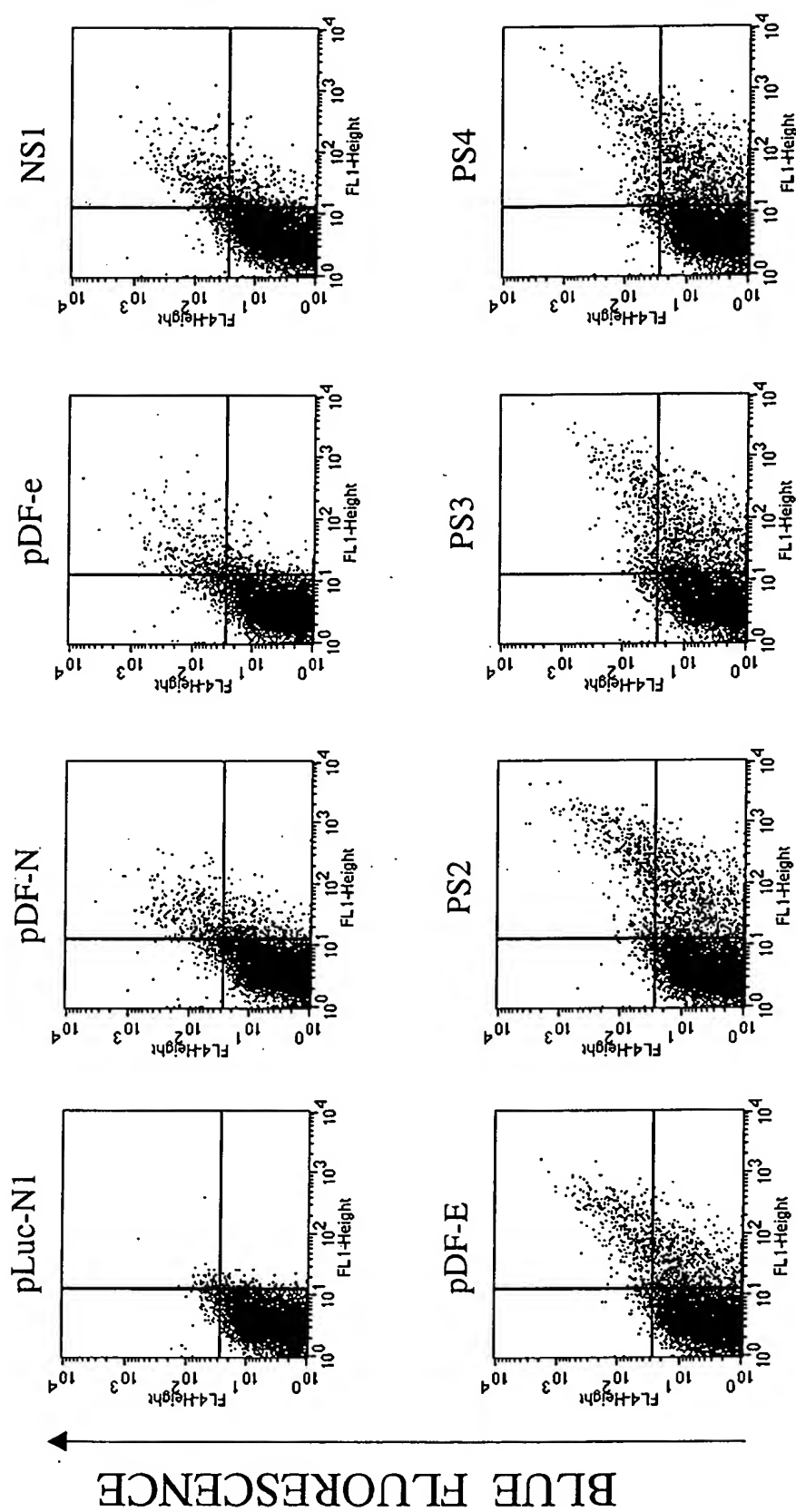


FIGURE 3

old

FIGURE 4a

# B

EMCV

emcv

EMCV

MCS

NS1

PS4

PS3

PS2

PS1

LUC →

Capped CAT →

LUC	0.77	1.3	1.7	1.7	1.7	1.4	0.16
CAT	0.93	1.0	1.0	0.98	0.92	0.76	0.63
LUC/CAT	0.82	1.3	1.7	1.7	1.1	1.9	0.25

FIGURE 4b

C

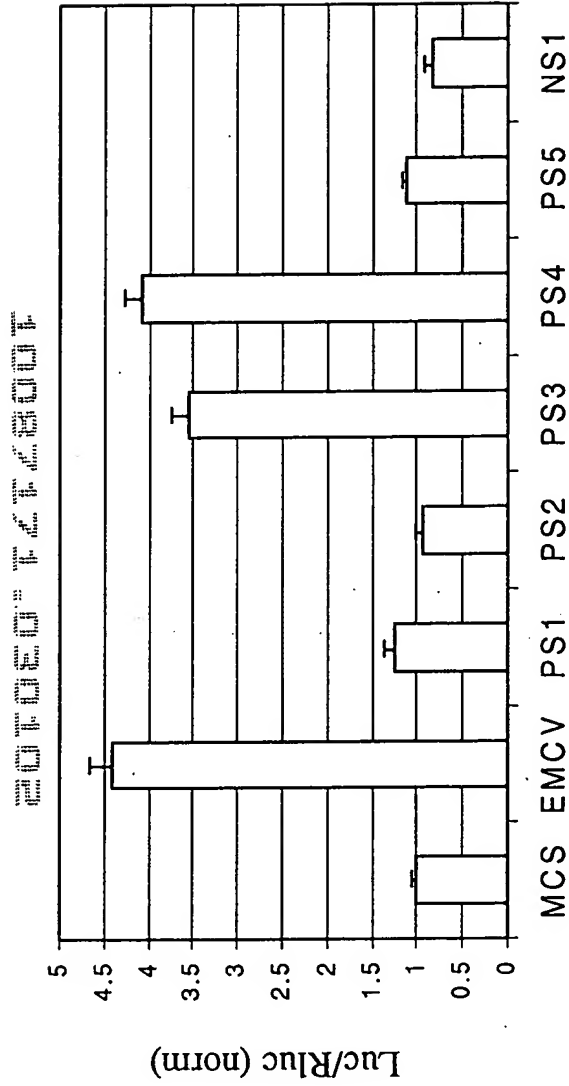


FIGURE 4c

